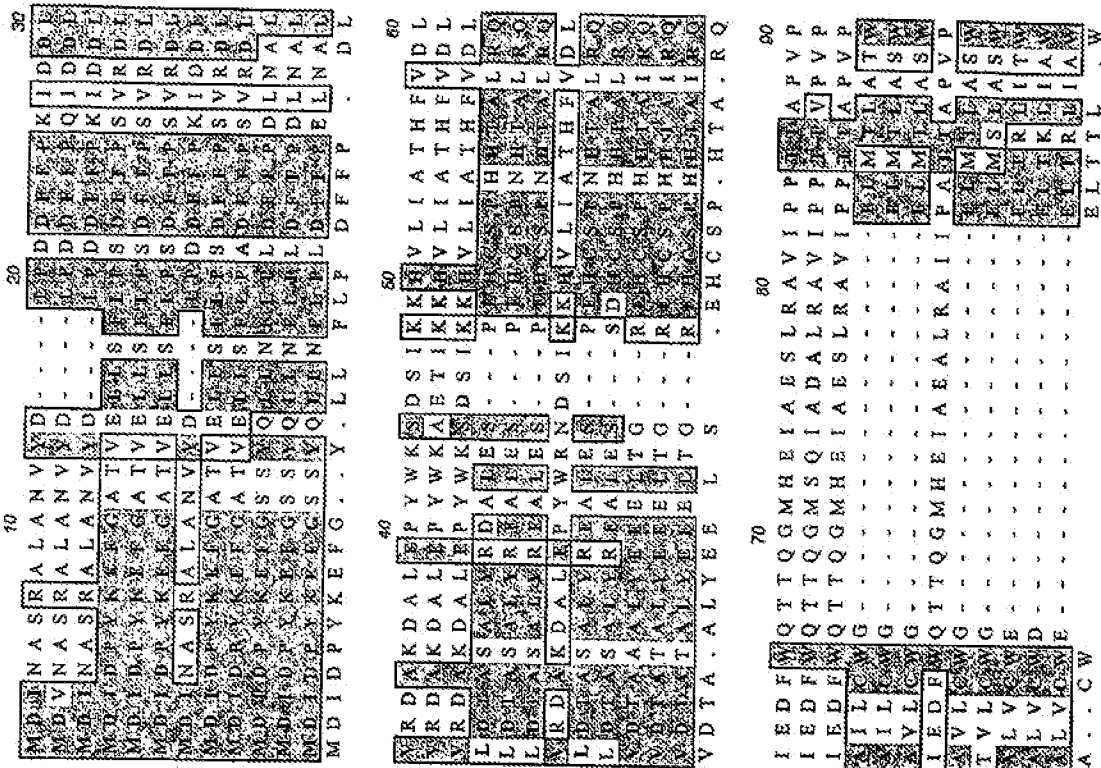


FIG. 46A

DEHV-531 M32991
HEHV M22056
DEHV NC_001344
HEV aYW X65257
Chimp.HBV AF222323
Gibbon HBV AY077735
Roes 'gooseHBV M95589
Orangutan HV NC_002168
WHEHV AF046996
GSHV K02715
HEV J02442
AGSH NC_001719

DEHV-531 M32991
HEHV M22056
DEHV NC_001344
HEV aYW X65257
Chimp.HBV AF222323
Gibbon HBV AY077735
Roes 'gooseHBV M95589
Orangutan HV NC_002168
WHEHV AF046996
GSHV K02715
HEV J02442
AGSH NC_001719

DEHV-531 M32991
HEHV M22056
DEHV NC_001344
HEV aYW X65257
Chimp.HBV AF222323
Gibbon HBV AY077735
Roes 'gooseHBV M95589
Orangutan HV NC_002168
WHEHV AF046996
GSHV K02715
HEV J02442
AGSH NC_001719



Box, SHADING, TRUNCATED TEXT REMOVED

HHV5-REV M32959
HHV5 M22026
HHV5 NC_001344
HHV 3ya X65257
Chimp.HBV AF222323
Gibbon HBV AY8777
Rosa 'gossachv' NC
Crataegus HBV NC
HHV5V AF046996
GSHV K02715
HHV J02442
AGSH NC 001719

DHEV-S31 M32991
HHEV M22056
DHEV NC_001342
HBV ayw X65257
Chimp.HBV AF223232
Gibbon HBV AY077735
Rosa's_gorillaHBV M95589
Orangutan HV NC_002168
MMHV AF046936
GSV K03715
WHV J03442
AGSH NC_001719

[illegible][illegible]

160

170

180

TRUNCATED NUMBERS ADDED

But is SHADING REMOVED

190 200 210
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K R G K D A P T I I E A I I T R P I Q A Q G G R N Q T K G T
K R G R D A P T I I E A I I T R P I Q A Q G G R K T S S G T
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
K R G K D A P T I I E A I I T R F I Q A Q G G R N K T Q Q V
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
P Y R P P N A P I L S T L P E T T V R R R G
P Y R P P N A P I L S T L P E T T V R R R G
P Y R P P N A P I L S T L P E T T V R R R G
Y R P P N A P I L S T L P E T T V R R R G

DHEV-S31 M32991
HBBV M22056
DHEV NC_001344
HBV aYM X65257
Chimp.HBV AF222323
Gibbon HBV AY077735
Ross'gocoseHBV N95589
Orangutan HV NC_002168
WHBV AF046996
GSHV K02715
WHV J02442
AGSH NC_001719

220 230 240
K R G R D A P T I I E A I I T R F I Q A Q G G R K I S S G T
K R G K D A P T I I E A I I T R P I Q A Q G G R N Q T K G T
K R G R D A P T I I E A I I T R P I Q A Q G G R K T S S G T
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
K R G K D A P T I I E A I I T R F I Q A Q G G R N K T Q Q V
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
P Y R P P N A P I L S T L P E T T V R R R G
P Y R P P N A P I L S T L P E T T V R R R G
P Y R P P N A P I L S T L P E T T V R R R G
Y R P P N A P I L S T L P E T T V R R R G

DHEV-S31 M32991
HBBV M22056
DHEV NC_001344
HBV aYM X65257
Chimp.HBV AF222323
Gibbon HBV AY077735
Ross'gocoseHBV N95589
Orangutan HV NC_002168
WHBV AF046996
GSHV K02715
WHV J02442
AGSH NC_001719

250 260 270
A P S P Q R A G S P L P R S S S S S S H H R S P R K
S S P S Q R A G S P L P R N R Q N Q H R S P R E
A P S P Q R A G S P L P R S S S S H H R S P R K
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
K R G K D A P T I I E A I I T R F I Q A Q G G R N K T Q Q V
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
A R P P N A P I L S T L P E T T V R R R G
P Y R P P N A P I L S T L P E T T V R R R G
P Y R P P N A P I L S T L P E T T V R R R G
P Y R P P N A P I L S T L P E T T V R R R G
Y R P P N A P I L S T L P E T T V R R R G

DHEV-S31 M32991
HBBV M22056
DHEV NC_001344
HBV aYM X65257
Chimp.HBV AF222323
Gibbon HBV AY077735
Ross'gocoseHBV N95589
Orangutan HV NC_002168
WHBV AF046996
GSHV K02715
WHV J02442
AGSH NC_001719

Box is SHADING REMOVED



FIG. 46C